

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---|------------------|---------|------------------|
| L1 | 2 | "6207371".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/02/02 16:52 |
| L2 | 50 | "apical membrane antigen" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/02/02 16:52 |
| L3 | 7264 | plasmodium | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/02/02 16:52 |
| L4 | 270862 | kocken.in. or thomas.in. or blackman.in. or holder.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L5 | 1483 | stichting\$.as. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L6 | 287 | plasmodium and (kocken.in. or thomas.in. or blackman.in. or holder.in.) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L7 | 7 | plasmodium and stichting\$.as. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L8 | 2 | (plasmodium and (kocken.in. or thomas.in. or blackman.in. or holder.in.)) and "apical membrane antigen" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L9 | 117 | AMA-1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L10 | 4 | AMA-1 and (kocken.in. or thomas. in. or blackman.in. or holder.in.) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L11 | 2845 | yeast SAME "polyadenylation" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L12 | 146299 | protein WITH (expression or production or recombinant) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |

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| L13 | 2774 | (yeast SAME "polyadenylation") and (protein WITH (expression or production or recombinant)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L14 | 1217 | ((yeast SAME "polyadenylation") and (protein WITH (expression or production or recombinant))) and Pichia | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L15 | 43 | ((((yeast SAME "polyadenylation") and (protein WITH (expression or production or recombinant))) and Pichia) and plasmodium | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L16 | 34371 | glycosylation | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L17 | 29324 | glycosylation and (protein WITH (expression or production or recombinant)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L18 | 1867 | (glycosylation and (protein WITH (expression or production or recombinant))) and plasmodium | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L19 | 103 | ((glycosylation and (protein WITH (expression or production or recombinant))) and plasmodium) and (kocken.in. or thomas.in. or blackman.in. or holder.in.) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L20 | 1 | ((((glycosylation and (protein WITH (expression or production or recombinant))) and plasmodium) and (kocken.in. or thomas.in. or blackman.in. or holder.in.)) and "apical membrane antigen" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L21 | 16 | "apical membrane antigen" and glycosylation | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L22 | 127 | "apical membrane antigen" or AMA-1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L23 | 6 | ("apical membrane antigen" or AMA-1) and (yeast SAME "polyadenylation") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L24 | 4769 | falciparum | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |

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| L25 | 44 | falciparum and FVO | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L26 | 97 | falciparum and ("apical membrane antigen" or AMA-1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L27 | 80 | (falciparum and ("apical membrane antigen" or AMA-1)) and (protein WITH (expression or production or recombinant)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L28 | 65 | ((falciparum and ("apical membrane antigen" or AMA-1)) and (protein WITH (expression or production or recombinant))) and yeast | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L29 | 2 | "6066623".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L30 | 0 | "6066623".pn. and pichia | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L31 | 0 | "6066623".pn. and yeast | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L32 | 324 | ectodomain and plasmodium | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L33 | 16 | (ectodomain and plasmodium) and "apical membrane antigen" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L34 | 1199 | plasmodium SAME vaccine | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L35 | 43624 | expression SAME yeast | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L36 | 323 | (plasmodium SAME vaccine) and (expression SAME yeast) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |

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| L37 | 27 | ((plasmodium SAME vaccine) and (expression SAME yeast)) and ("apical membrane antigen" or AMA-1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L38 | 49 | (cerevisiae or pastoris) and vaccine and ("apical membrane antigen" or AMA-1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L39 | 43584 | 435/68.1 435/69.1 435/69.6 435/69.7 435/70.1 435/71.1 435/471 435/91.1 435/440 435/7.1 424/9.2 424/184.1 424/151.1 435/342 435/7.22 .ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/02/02 16:52 |
| L40 | 12 | "apical membrane antigen" and 435/68.1 435/69.1 435/69.6 435/69.7 435/70.1 435/71.1 435/471 435/91.1 435/440 435/7.1 424/9.2 424/184.1 424/151.1 435/342 435/7.22 .ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/02/02 16:52 |
| L41 | 50 | "apical membrane antigen" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/02/02 16:52 |
| L42 | 7264 | plasmodium | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/02/02 16:52 |
| L43 | 270862 | kocken.in. or thomas.in. or blackman.in. or holder.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L44 | 1483 | stichting\$.as. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L45 | 287 | plasmodium and (kocken.in. or thomas.in. or blackman.in. or holder.in.) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L46 | 117 | AMA-1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L47 | 2845 | yeast SAME "polyadenylation" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |

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| L48 | 146299 | protein WITH (expression or production or recombinant) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L49 | 2774 | (yeast SAME "polyadenylation") and (protein WITH (expression or production or recombinant)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L50 | 1217 | ((yeast SAME "polyadenylation") and (protein WITH (expression or production or recombinant))) and Pichia | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L51 | 34371 | glycosylation | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L52 | 29324 | glycosylation and (protein WITH (expression or production or recombinant)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L53 | 1867 | (glycosylation and (protein WITH (expression or production or recombinant))) and plasmodium | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L54 | 127 | "apical membrane antigen" or AMA-1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L55 | 4769 | falciparum | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L56 | 97 | falciparum and ("apical membrane antigen" or AMA-1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L57 | 65 | ((falciparum and ("apical membrane antigen" or AMA-1)) and (protein WITH (expression or production or recombinant))) and yeast | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L58 | 2 | "6066623".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L59 | 0 | "6066623".pn. and pichia | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |

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| L60 | 0 | "6066623".pn. and yeast | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L61 | 324 | ectodomain and plasmodium | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L62 | 1199 | plasmodium SAME vaccine | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L63 | 43624 | expression SAME yeast | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L64 | 323 | (plasmodium SAME vaccine) and (expression SAME yeast) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L65 | 43584 | 435/68.1 435/69.1 435/69. 6 435/69.7 435/70.1 435/71. 1 435/471 435/91. 1 435/440 435/7.1 424/9. 2 424/184.1 424/151. 1 435/342 435/7.22 .ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/02/02 16:52 |
| L66 | 1 | ((((glycosylation and (protein WITH (expression or production or recombinant))) and plasmodium) and (kocken.in. or thomas.in. or blackman.in. or holder.in.)) and "apical membrane antigen" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L67 | 2 | "6207371".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/02/02 16:52 |
| L68 | 7 | plasmodium and stichting\$.as. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L69 | 2 | (plasmodium and (kocken.in. or thomas.in. or blackman.in. or holder.in.)) and "apical membrane antigen" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L70 | 4 | AMA-1 and (kocken.in. or thomas. in. or blackman.in. or holder.in.) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |

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| L71 | 43 | ((((yeast SAME "polyadenylation") and (protein WITH (expression or production or recombinant))) and Pichia) and plasmodium | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L72 | 103 | ((glycosylation and (protein WITH (expression or production or recombinant))) and plasmodium) and (kocken.in. or thomas.in. or blackman.in. or holder.in.) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L73 | 16 | "apical membrane antigen" and glycosylation | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L74 | 6 | ("apical membrane antigen" or AMA-1) and (yeast SAME "polyadenylation") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L75 | 44 | falci-parum and FVO | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L76 | 80 | (falci-parum and ("apical membrane antigen" or AMA-1)) and (protein WITH (expression or production or recombinant)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L77 | 16 | (ectodomain and plasmodium) and "apical membrane antigen" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L78 | 27 | ((plasmodium SAME vaccine) and (expression SAME yeast)) and ("apical membrane antigen" or AMA-1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L79 | 49 | (cerevisiae or pastoris) and vaccine and ("apical membrane antigen" or AMA-1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L80 | 12 | "apical membrane antigen" and 435/68.1 435/69.1 435/69.6 435/69.7 435/70.1 435/71.1 435/471 435/91.1 435/440 435/7.1 424/9.2 424/184.1 424/151.1 435/342 435/7.22 .ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/02/02 16:52 |
| L81 | 9874 | "codon usage" or "codon optimization" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/02/02 16:52 |

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|-----|-----|------------------------------|---|----|----|------------------|
| L82 | 918 | L81 SAME yeast | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L83 | 5 | L82 and L46 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L84 | 5 | L83 and "codon usage" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |
| L85 | 1 | L83 and "codon optimization" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 16:52 |

FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 17:10:51 ON 02 FEB 2006

L1 6468 S KOCKEN?/AU OR HOLDER?/AU OR WITHERS-MARTINEZ?/AU OR HENDRICUS
L2 55395 S FALCIPARUM OR (FALCIPARUM (P) FVO)
L3 643 S "APICAL MEMBRANE ANTIGEN" OR AMA1 OR AMA-1
L4 299906 S YEAST OR PASTORIS OR PICHIA
L5 34409 S GLYCOSYLATION (P) (PROTEIN OR PEPTIDE)
L6 204 S RICH (2W) ("A+T" OR "A-T" OR "A/T")
L7 204 S RICH (2W) ("A+T" OR "A-T" OR "A/T")
L8 5322 S "CODON USAGE" OR "CODON OPTIMIZATION"
L9 11 S "MAB 4G2"
L10 4 DUP REM L9 (7 DUPLICATES REMOVED)
L11 3 S L10 NOT PY>=2002
L12 3337 S EMD
L13 426 S L1 AND L2
L14 39 S L13 AND L3
L15 16 S L14 NOT PY>=2003
L16 8 DUP REM L15 (8 DUPLICATES REMOVED)
L17 6174 S VIVAX AND FALCIPARUM
L18 16 S L17 AND L3
L19 9 DUP REM L18 (7 DUPLICATES REMOVED)
L20 2 S L19 AND ALIGNMENT
L21 11 S L5 AND L3
L22 6 S L21 NOT PY>=2003
L23 2 DUP REM L22 (4 DUPLICATES REMOVED)
L24 3 S L4 AND L3 AND L8
L25 1 DUP REM L24 (2 DUPLICATES REMOVED)
L26 0 S L9 AND L3
L27 48 S MONOCLONAL (S) ANTIBODY
L28 308941 S MONOCLONAL (S) ANTIBODY
L29 30 S L28 (P) L3
L30 1162 S L28 AND L2
L31 10 S L30 AND L5
L32 8 S L31 NOT PY>=2002
L33 5 DUP REM L32 (3 DUPLICATES REMOVED)
L34 0 S L29 AND L5
L35 0 S L29 AND L8
L36 6 S L4 AND L5 AND L8
L37 3 DUP REM L36 (3 DUPLICATES REMOVED)

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